

A new species of *Limnophila* from Micronesia

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ミクロネシアからのシソクサ属の1新種

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A new species, *Limnophila palauensis* Yamazaki, is described from Micronesia.

***Limnophila palauensis* Yamazaki, sp. nov.** Figs. 1–2.

Herba perennis. Rhizoma repens, ramosum, subcarnosum, 1.5–2 mm in diam., radices fibrosas multas emittens. Caulis erectus, simplex, 15–20 cm altus, 2–4 mm in diam., teres, glaber. Folia immersa 4–6-verticillata, linearia, 2–3.5 cm longa, 1–1.5 mm lata, sessilia, apice acuminata, leviter minuti-dentata, dentibus 3–4-jugatis, acutis, utrinque glabris; folia epigaea opposita vel 3-verticillata, lineari-oblancoolata, sessilia, 1.5–3 cm longa, 2.5–5 mm lata, apice acuminata, minute dentata, dentibus 5–7-jugatis acutis, utrinque glanduloso-punctata. Flores in axillas foliorum superiorum solitarii. Pediceli tenues, 8–10 mm longi in anthesi, usque ad 20 mm longi in fructu, punctati. Bractee 2, ad basi calycem affixae, lineares, ca. 3 mm longae. Calyx campanulatus, ca. 5 mm longus, minute punctatus, profunde 5-lobatus, lobis lineari-lanceolatis, acuminatis, 3–4 mm longis, 0.5–0.6 mm latis, 3 inferioribus leviter majoribus. Corolla tubulosa,

ca. 10 mm longa, tubo cylindrico, ca. 8 mm longo, 2 mm lato, extus glabro, intus antico in parte superiore piloso, labio superiore bilobato, lobis orbiculatis, ca. 2 mm longis et latis, labio inferiore 3-lobato, lobis orbiculatis ca. 2.5 mm longis et latis. Stamina 4, inclusa, ca. 3 mm longa, Pistillum filiforme, ca. 4 mm longum. Capsula anguste ellipsoidea, ca. 5 mm longa, 2.5 mm in diam. quam calyx persistens brevior. Semina numerosa, anguste ellipsoidea, ca. 0.5 mm longa, 0.2 mm lata; testa minute-reticulata.

Micronesia: Palau Is., Baobeltaob, Molegojok (T. Tuyama, Aug. 21, 1939, no. 1 aerial parts, Typus TI, no. 2 submerged parts, TI); Aimion, Kattowell (T. Tuyama, Sept. 3, 1937, TI); Melekiok, Taro Patch (Stemmermann, Jan. 17, 1978, no. 3300, BISH).

This species resembles *L. chinensis* (Osb.) Merr. subsp. *aromatica* (Lam.) Yamaz. but differs by leaves narrower and minutely toothed, pedicels and calyx minutely punctate, and sepals linear-lanceolate. This new species is probably the same

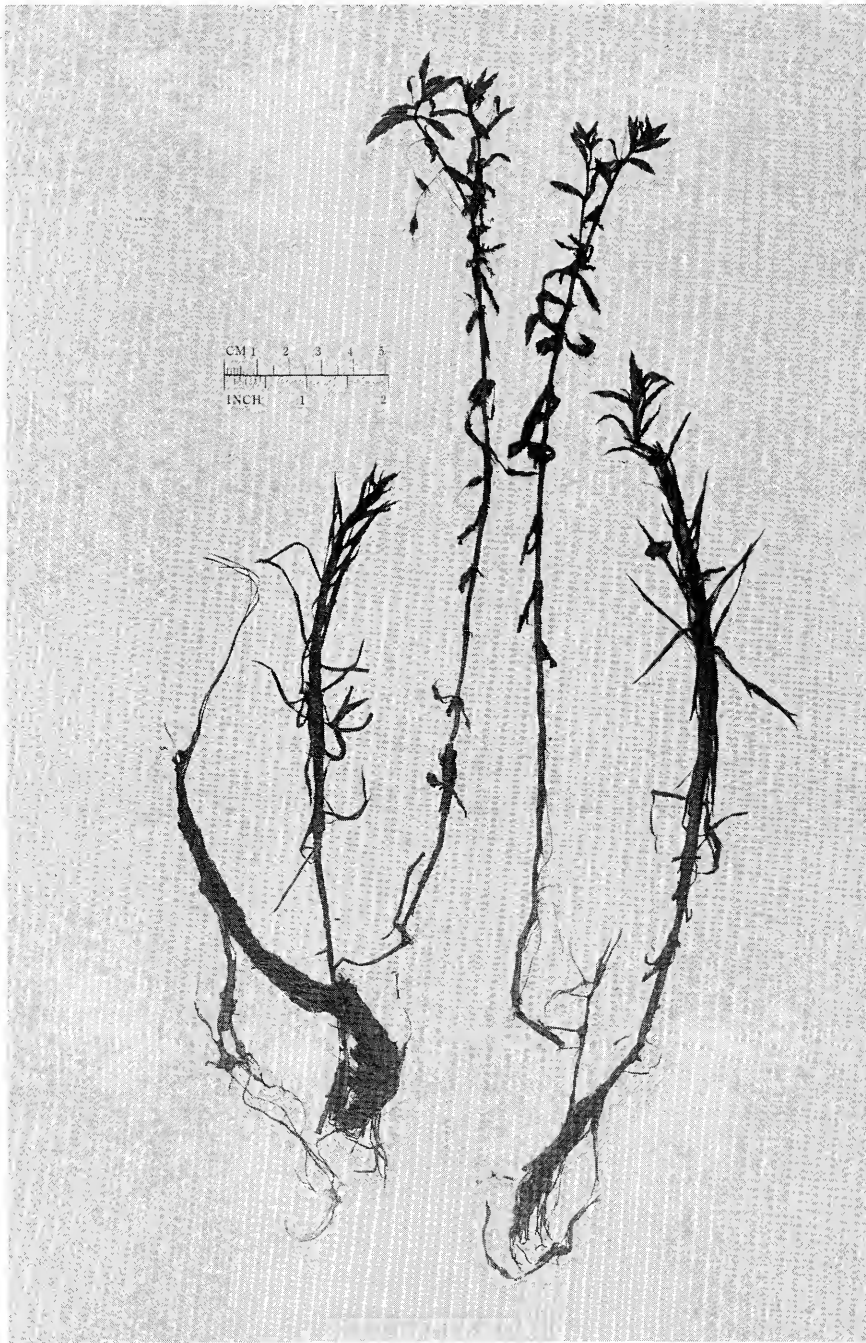


Fig. 1. *Linnophila palauensis* Yamaz. Type.

with *L. indica* (L.) Merr. var. *raymundii* Schltr. (Bot. Jahrb. Syst. 56: 571, 1921).

Linnophila indica (L.) Druce has been reported

from Micronesia by Schlechter (l. c. 571, 1921) and Stone (Micronesica 6: 524, 1970). The description of Stone for *L. indica* in Guam indicates that the

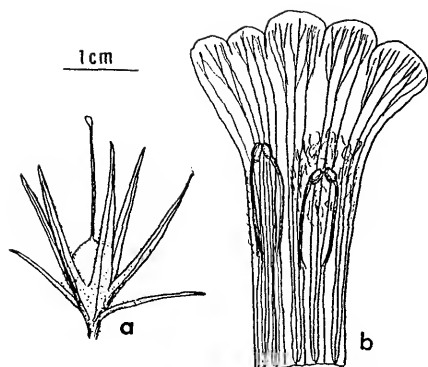


Fig. 2. a. Calyx. b. Corolla opened.

plant of Guam resembles *L. palauensis*. *L. indica* from India to Indochina, however, is geographically isolated from Micronesia. This species differs from *L. palauensis* by smaller and generally deeply lobed aerial leaves, smaller flowers, and smaller, globose or ovoid-ellipsoid capsules. Therefore,

the plants of *L. indica* reported from Micronesia are necessary to reinvestigate.

I wish to thanks for Dr. G. W. Staples of Bishop Museum, Hawaii for loan of the specimen.

要 旨

ミクロネシアのパラオ島にあるシソクサ属のものはシソクサ *Limnophila aromatica* (Lam.) Merr. または *L. indica* (L.) Druce とされているが、葉が細長いので疑問に思っていた。しかし個体変異の可能性もあるのでそのままにしておいた。たまたまハワイの Bishop Museum の標本を見る機会があったが、その中にパラオの *Limnophila* があり、それは東大のものと全く同じであった。上記のように独立した種類と考えて間違い無いと思えるので報告する。